

*Appendix D*  
*List of Acronyms*



## **ACRONYMS AND ABBREVIATIONS**

AAM	annual arithmetic mean
ACHP	Advisory Council on Historic Preservation
ACM	asbestos-containing material
ADL	aerially deposited lead
ADT	average daily traffic
AGM	annual geometric mean
a/mv	accidents per million vehicles
a/mvm	accidents per million vehicle miles
APE	Area of Potential Effects
AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
ASAP	Associated Senior Action Program
ASR	Archaeological Survey Report
ASTs	aboveground storage tanks
ASTM	American Society for Testing and Materials
bgs	below ground surface
BMPs	Best Management Practices
CAA	Clean Air Act
CAAAAs	Clean Air Act Amendments
CAAQS	California Ambient Air Quality Standards
CARB	California Air Resources Board
CCAA	California Clean Air Act of 1988
CCR	California Code of Regulations
CDFG	California Department of Fish and Game
CEC	California Energy Commission
CEQ	Council on Environmental Quality

CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CERFA	Community Environmental Response Facilitation Act
CESA	California Endangered Species Act
CFD	Community Facilities Districts
CFR	Code of Federal Regulations
CHRIS	California Historical Resources Information System
City	City of San Juan Capistrano
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CUSD	Capistrano Unified School District
CWA	Clean Water Act
dB	decibel
dBA	A-weighted decibel
Department	California Department of Transportation
DOT	United States Department of Transportation
EBT	Eastbound through
EBT/R	Eastbound through/right
EDR	Environmental Data Resources, Inc.
EIR/EA	Environmental Impact Report/Environmental Assessment
EIS	Environmental Impact Statement
E.O.	Executive Order
EPA	United States Environmental Protection Agency
°F	degrees Fahrenheit
FAT	fatalities
FEMA	Federal Emergency Management Agency

---

FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
F+I	fatalities plus injuries
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FIRM	Flood Insurance Rate Map
FONSI	Finding of No Significant Impact
FSTIP	Federal Statewide Transportation Improvement Program
ft	feet, foot
FY	Fiscal Year
GHG	greenhouse gas
GWh	gigawatt-hour
HCM	Highway Capacity Manual
HDM	Highway Design Manual
HHS	Department of Health and Human Services
HOV	high-occupancy vehicle
HPSR	Historic Property Survey Report
HRER	Historic Resources Evaluation Report
HSA	Hydrologic Sub-Area
Hz	hertz
I-5	Interstate 5 “San Diego Freeway”
ICU	intersection capacity utilization
I.L.	insertion loss
IMD	Interstate Maintenance Discretionary
IPCC	Intergovernmental Panel on Climate Change
ISA	Initial Site Assessment
km	kilometer
KP	kilometer post
kV	kilovolt

kWh	kilowatt-hours
LBP	lead-based paint
L <sub>eq</sub>	equivalent sound level
L <sub>max</sub>	maximum sound level
LOS	level of service
L <sub>p</sub>	sound pressure level
m	meters
MBTA	Migratory Bird Treaty Act of 1918
MCE	maximum credible earthquake
MEP	maximum extent practicable
µg/m <sup>3</sup>	micrograms per cubic meter
mg/m <sup>3</sup>	milligrams per cubic meter
Mission	San Juan Capistrano Mission
MLD	Most Likely Descendent
MOEs	measures of effectiveness
µPa	micro-Pascal
MPAH	2002 Orange County Master Plan of Arterial Highways
mpg	mile per gallon
mph	mile per hour
MPO	Metropolitan Planning Organization
MSAT	mobile source air toxics
msl	mean sea level
NAAQS	National Ambient Air Quality Standards
NAC	noise abatement criteria
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NB	northbound

NBL/R	Northbound left turn/right
NEPA	National Environmental Policy Act
NES	National Environment Study
NHPA	National Historic Preservation Act of 1966
NO <sub>2</sub>	nitrogen dioxide
NOC	Notice of Construction
NOP/NOIS	Notice of Preparation/Notice of Initiation of Studies
NPDES	National Pollutant Discharge Elimination System
NR	not reported
O <sub>3</sub>	ozone
OCFA	Orange County Fire Authority
OCTA	Orange County Transportation Authority
OSHA	Occupational Safety & Health Act
PA	Programmatic Agreement
PA/ED	Project Approval/Environmental Document
Pb	lead
PCBs	polychlorinated biphenyls
pCi/L	picocuries per liter
PDT	Project Development Team
PEAR	Preliminary Environmental Analysis Report
PM	post mile
PM <sub>2.5</sub>	particulate matter that is 2.5 microns in diameter or smaller
PM <sub>10</sub>	particulate matter that is 10 microns in diameter or smaller
ppm	parts per million
Porter-Cologne Act	Porter-Cologne Water Quality Control Act of 1969
PRC	Public Resources Code
project	I-5/Ortega Highway Interchange Improvement Project
PS&E	plans, specifications, and estimate

PSR	Project Study Report
PSR(PDS)	Project Study Report (Project Development Support)
RAP	Relocation Assistance Program
RCR	Route Concept Report
RCRA	Resource Conservation and Recovery Act of 1976
RECs	Recognized Environmental Conditions
ROW	right-of-way
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RWQCB	Regional Water Quality Control Board
SAP	Sampling Analysis Procedures
SARA	Superfund Amendments and Reauthorization Act of 1986
SB	southbound
SBR	Southbound right turn
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCCIC	South Central Coastal Information Center
SCH	California State Clearinghouse Office
SDG&E	San Diego Gas & Electric
SFR	single-family residential
SHPO	State Historic Preservation Officer
SIP	State Implementation Plan
SJBA	San Juan Basin Authority
SJHHS	San Juan Hills High School
SO <sub>2</sub>	sulfur dioxide
SR-241	Foothill Transportation Corridor
SR-74	State Route 74 “Ortega Highway”



SSNCCP	Southern Sub-region Natural Community Conservation Plan/ Habitat Conservation Plan
STIP	State Transportation Improvement Program
STP	Strategic Transportation Plan
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TASAS	Traffic Accident Surveillance and Analysis System
TCMs	Transportation Control Measures
TDM	Transportation Demand Management
TEA-21	Transportation Equity Act for the 21 <sup>st</sup> Century
TeNS	Technical Noise Supplement
TMDL	total maximum daily load
TMP	Transportation Management Plan
TNM	Traffic Noise Model
TSCA	Toxic Substances Control Act
TSM	Transportation System Management
UPRR	Union Pacific Railroad
USACE	United States Army Corps of Engineers
U.S.C.	United States Code
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
USTs	underground storage tanks
UTC	ultimate transportation corridor
VA	Value Analysis
V/C	volume to capacity ratio
VHT	vehicle hours traveled
VMT	vehicle miles traveled

VOC	volatile organic compound
vpd	vehicles per day
WBL	Westbound left turn
WBT	Westbound through
WPCs	Water Pollution Controls